

**Richard G. Hill**  
**Chief Scientific & Technical Advisor for Fire Safety**  
**Aircraft Fire Safety**  
**Federal Aviation Administration**

Mr. Hill has a B.S. Mechanical Engineering from Fairleigh Dickinson University and a Masters in Aviation Management from Embry Riddle Aeronautical University.

Mr. Hill is the Chief Scientific & Technical Advisor, Fire Safety R&D, Federal Aviation Administration Technical Center with experience in all aspects of in-flight and post-crash aircraft fire protection, and passenger evacuation R&D. In over 49 years Mr. Hill's major areas of oversight include: Halon Replacement, Fire & Burn-through Resistant Thermal Acoustic Insulation, Fuel Tank Explosion Protection, and Lithium Battery Fire Safety, regulatory changes in Cargo Compartment Fire Detection and Suppression, Fire resistant Flight Recorders, Heat Resistant Evacuation Slides, Seat Fire Blocking Layers, Halon 1211 Hand-Held Extinguishers, Low Heat and Smoke Release Interior Panels, and Burn-through Resistant Cargo Liners in aircraft and the development and publication of the Aircraft Material Fire Test Handbook. Mr. Hill has authored more than 100 technical reports and papers and given more than 100's of technical presentations at national and international conferences or meetings. Mr. Hill has investigated more than 50 aircraft accidents involving fire.

Mr. Hill is the:

Former Chairman, International Aircraft Materials Fire Test Working Group  
Former Chairman, International Aircraft Halon Replacement Working Group  
Present FAA R&D representative to the International Cabin Safety Technical Team

Mr. Hill has received numerous awards, including:

National Society of Professional Engineers, Engineer of the Year of the FAA – 1986  
Admiral Luis De Florez Flight Safety Award, Flight Safety Foundation – 1988  
Space Technology Hall of Fame (Induction), US Space Foundation & NASA – 1996 for  
Development of Fire Resistant Aircraft Seats  
The Stratospheric Ozone Protection Award, USEPA - 2008

In addition to Mr. Hill's 49 year with the FAA he was:

Guest lecturer NTSB Courses on aircraft accident investigation  
Adjunct Instructor – Physics - , Atlantic Community College, 1986  
Associate staff member at the Transportation Safety Institute, Oklahoma City, 1983 – 1994  
Adjunct Instructor, Embry-Riddle Aeronautical University Graduate School, 1986 – 1995  
Adjunct Associate Professor, Embry-Riddle Aeronautical University Graduate School, 1996 – 1998